



# **CITY OF LANSING FIRE DEPARTMENT**

## **2011 ANNUAL REPORT**



Virg Bernero, Mayor  
Tom Cochran, Fire Chief

Lansing Fire Department  
120 E. Shiawassee Street  
Lansing MI 48933  
(517) 483-4200 Fax (517) 483-4488  
[www.lansingfire.com](http://www.lansingfire.com)



## ***Our Mission Statement:***

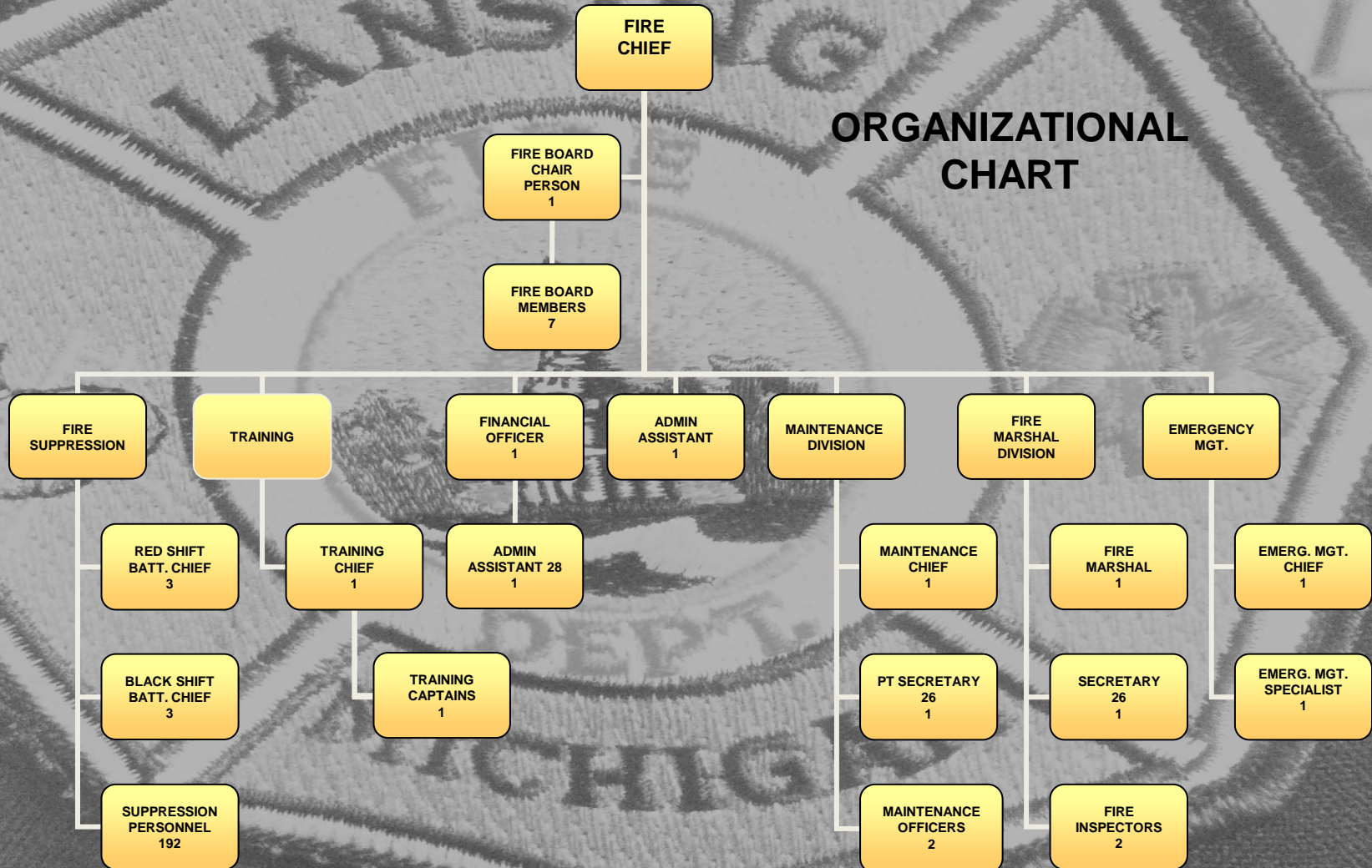
“The Lansing Fire Department is committed to serving the Lansing area community with the highest levels of life and property protection. We will achieve this by providing excellent compassionate service in an atmosphere that encourages innovation, professional development and diversity.”

- As a result of this mission, the Lansing Fire Department has developed into a multi faceted agency responsible for providing a wide range of emergency and non emergency services. The Lansing Fire Department’s six divisions constantly strive to fulfill our mission statement.

# Lansing Fire Department



## ORGANIZATIONAL CHART



# Lansing Fire Department



## Fire Board Commissioners



**Helen Keeney**  
**Chairperson**  
**2<sup>nd</sup> Ward**



**Louis Vinson III**  
**Vice-Chairperson**  
**At-Large**



**Robert Brown Jr.**  
**4<sup>th</sup> Ward**



**Frank Ferro**  
**At-Large**



**Robert Hudson**  
**1<sup>st</sup> Ward**



**Jill Rhode**  
**At-Large**

**Jody Washington**  
**At-Large**



**Yvonne Young McConnell**  
**3<sup>rd</sup> Ward**

# Lansing Fire Department



## **LANSING FIRE BOARD**

- The City of Lansing Fire Board has been established by the City Charter and acts as an advisory board to the elected and appointed officials.
- The Fire Board exercises the following responsibilities:
  - Establishes administrative rules for the Lansing Fire Department
  - Approves the rules of conduct for the Lansing Fire Department members
  - Receives and resolves complaints
  - Reviews and approves the Lansing Fire Department budget
- The Fire Board is composed of eight (8) members, one for each of the four (4) wards in the City and four (4) at-large members.

# Lansing Fire Department



## Fire Administration



**FIRE CHIEF**  
Tom Cochran

**The Administrative Division is responsible for the overall management of the department and the coordination of our efforts based on direction from the Mayor, City Council and Fire Board. We constantly strive to efficiently manage the efforts of our divisions to insure we are delivering service consistent with our mission statement.**



**Financial Officer**  
Ellen Vogt



**Administrative  
Assistant**  
Patti Starnes

# Lansing Fire Department



**Ellen Vogt**

**Department Financial Officer**

## **Finance Division**

**The Lansing Fire Department Finance division has had an interesting year.**

- **The budget was, and still is an ongoing project. The City's economic state was the driving factor in finding more and better ways to cut costs and to do our "business" more efficiently. Under the direction of Chief Cochran and Assistant Chief James these goals were met.**
- **To date the Finance department has processed 10 retirements and hired 10 new recruits.**

# Lansing Fire Department



## Finance Division cont.

- This is the second year that Finance and the Union local 421 have served on the steering committee for United Way, supported the MDA- Lock-Up, the Food Drive, and Career Day.
- Ambulance Revenue: The City of Lansing and the Lansing Fire Department has changed it's billing services from Medical Management Systems to Med 3000 with GC collections, bringing the total since July 1, 2009 to \$164,599.74 to date.
- It is my privilege and honor to serve the Lansing Fire Department as the Department Finance Officer. I would like to thank Chief W. Cochran and Assistant Chief T. James for this opportunity.

Ellen Vogt, Department Finance Officer  
Lansing Fire Department

# Lansing Fire Department



## Fire Marshal Division



**Inspector**  
Roberta Fockle



**Fire Marshal**  
Brad Drury



**Inspector**  
Gretchen Kohsmann



**Secretary**  
Michelle Greko

# Lansing Fire Department



- In 2011, the Fire Marshal's Office was faced with many of the challenging tasks that we are required to comply with. The additional two inspectors that started within the division last year have certainly been a bonus to the department. It has helped the Fire Marshal's office accomplish many of these challenges that the division is faced with each year. I'm very pleased with the quality of work provided by Captains Brad Drury, Roberta Fockler, and Gretchen Kohsmann. Each member has displayed professionalism and passion for their job which were clearly demonstrated to the citizens that we serve.

# Lansing Fire Department



## Fire Marshal Division

- The Fire Marshal's Office has the responsibility, per the State of Michigan Fire Prevention Code (Act 207), to conduct Life Safety Inspections on many of the business occupancies within the City of Lansing as well as the hazardous material sites, new construction projects, large apartment buildings, outdoor entertainment events, high rise buildings, and major retail stores within the city. We also conduct inspections on many of the buildings that house federally funded programs for residents within Lansing. We often field request to conduct Life Safety inspections for many of the State of Michigan's leased office spaces. Act 207 also identifies that a cause and origin investigation will be conducted to determine the cause of every fire. The Fire Chief has empowered this responsibility onto the Fire Marshal's office if the cause is unknown to the fire officer. We also review the plans for the installation of all Fire Protection Systems within the city. Review and testing of these systems is very critical for the overall safety of the occupants of the building.
- We also provide public education to businesses, manufacturing sites, and schools within the City of Lansing. Our public education program focuses on Fire Prevention Training, such as ways to prevent a fire from occurring in a business or home. During our Fire Prevention Education programs for the schools in the City of Lansing, over 5,500 students were presented with this message. "Our goal is to stress the importance of having a safe home".

# Lansing Fire Department



## Fire Marshal Division

- On October 2, 2010, the division held a Fire Prevention Open House to kick off Fire Prevention Week. This year's theme was *Smoke Detection in the home, "Beep, Beep, Beep, a sound you can live with"*. A lot of effort went into developing and working this year's event. I would like to thank all of the personnel at station 48 for their work during the week of and day of the event. Their help in promoting Fire Prevention to the participants of this event went above and beyond. In addition, I would like to thank members of the Fire Marshal's office for their work during this event. Their efforts clearly identified how important Fire Prevention Education is to the public. During this year's event, over 200 people were exposed to Fire Prevention Education.



# Lansing Fire Department



## Fire Marshal Division

- Members of the division are also responsible for conducting an average of 120 Origin and Cause fire investigations each year. Some of these investigations may be in conjunction with other Fire Departments within the Lansing area. These investigations are authorized through Mutual Aid agreements that the Lansing Fire Department has established with surrounding Fire Departments.
- When determining the cause of the fire, the following classifications are used: Accidental, Undetermined, Incendiary, and Natural. These causes are documented in an investigation report prepared by the investigator. Causes of a fire are determined through the training that each investigator has received and the experience they have obtained. If during an investigation the cause is not determined, the incident could be listed as suspicious. During the course of the investigation a device that assisted the fire may be found. The situations meeting this criteria are documented as well. The total number of injuries and deaths to civilians during a fire are also recorded.

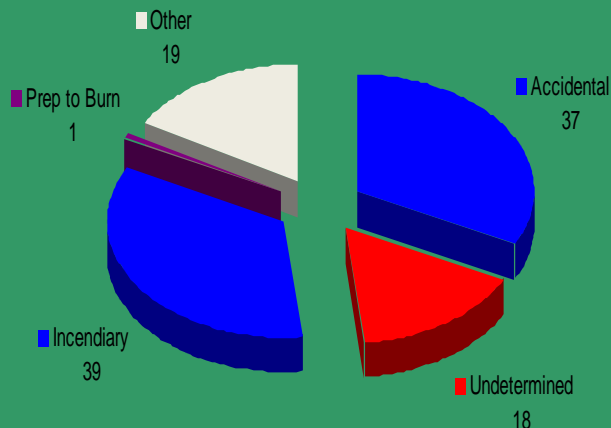
# Lansing Fire Department



## Fire Marshal Division

- In 2010, the Fire Marshal's office investigated 114 fire related incidents. The causes of these fires are as follows:

2010 Total Fire Investigations



An **accidental** cause is determined when the fire does not involve an intentional human act to ignite or spread the fire. When the cause of the fire is **undetermined** (this is due to the severity of the fire) a complete investigation could not be done usually due to the structure being unsafe. Many times these fires are also listed as suspicious. In 2010, nine of the undetermined fires were also listed as suspicious. **Incendiary** fire classification is given to a fire that is intentionally started by a person that knows that the fire should not have been started. The classification of **other** addressed incidents where our services were needed for direction and or enforcement of Fire Code related issues within a building. **Prep to Burn** is a situation where a device, product, or solution is used to assist a fire that never gets started.

# Lansing Fire Department

## Fire Marshal Division



- In 2011, the Fire Marshal's office assisted with the fire investigation of two fires in other jurisdictions outside of the City of Lansing. Due to the nature of the fire and its severity our services were needed to assist those departments. No fatalities from a fire in the City of Lansing occurred in 2010. However, twelve people were injured. Finally, 8 juveniles were linked to a fire related issue and 4 devices were credit to a fire related incident.
- Over 350 work hours in 2011 can be credited to Fire Investigation. Additional time was spent interviewing witnesses, preparing investigation reports, and preparing case files for court. The month of April kept members of the division very active in fire investigation, a total of 14 fires were investigated. The month of August and December followed with 13 cases each. In the month of January our services were only requested three times.



# Lansing Fire Department



## Fire Marshal Division

- The division conducted 452 hours of Fire and Life Safety inspections in 2011. These inspections were credited to 344 businesses in the city. An additional amount of time was spent in documenting the inspections and preparing the paperwork for each inspection. A total of 122 Fire Suppression/Detections systems were reviewed. A total of 258 hours were spent on reviewing these plans and conducting code research/consulting. A total \$38,211.00 was collected for Plan Review fees and Fire and Life Safety inspections. Fireworks inspection fees were also included in this total. A total of 445 burn permits were obtained in 2010. Members of the division conducted a total of 152 hours of Fire Prevention Education to the citizens of Lansing. Additional time was spent in preparing and developing the educational programs presented during these programs.



# Lansing Fire Department



***As always the Fire Marshal's office would like to thank the following agencies and departments. Without our working relationship it would be difficult to make Lansing a safe and enjoyable place to live and work: Local and Federal Law Enforcement Agencies, Prosecutors office, Area Fire Departments, Businesses within the City of Lansing, City of Lansing Building Safety office, and all the other City of Lansing Departments***

# Lansing Fire Department



## Suppression Division

- The Suppression Division is responsible for the emergency response activities of the department. This division responded to 16,769 incidents in 2011 and provided fire suppression, basic and advanced emergency medical transport services, and hazmat/technical rescue responses.
- They also participate in a number of public education activities. In addition, they are constantly in a training cycle to maintain critical state certifications necessary for the department to maintain and improve service levels.

2011	
Incident Type	Incident Count
Fire	398
Rupture/Explosion	13
EMS/Rescue	14,507
Hazardous Condition	214
Service Call	489
Good Intent	518
False Call	606
Severe Weather	2
Other	22
<b>TOTAL</b>	<b>16,769</b>
Overall Increase of 2%	

# Lansing Fire Department



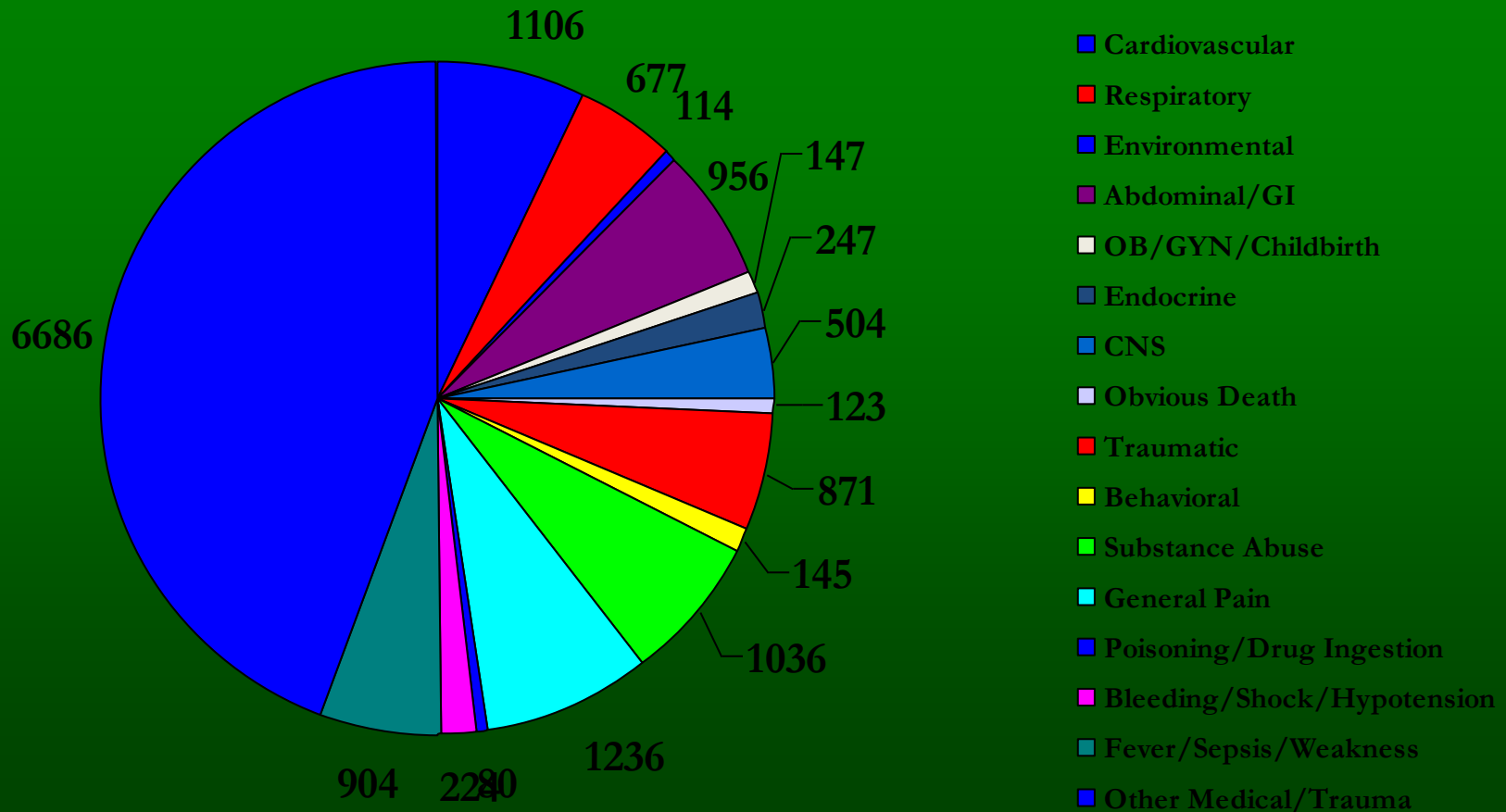
## Suppression Division

- The Lansing Fire Department has been servicing the public with advanced life support since the early 1970's. The Fire Department has increased the number of medic units over the years to meet the increase in call volume.
- Medic units are housed at stations #41, #46, and station #49. The Fire Department also has a quality assurance program that is offered 3 times a year for personnel from Lansing Fire Department and surrounding departments to meet and maintain the level of patient care needed in our communities. This program allows for medics to maintain their skills and meet the new technology that continues to change in their environment.
- The types of calls that the Fire Department responded to in 2011 are broken down into general categories with general overall number of emergency responses. These categories are shown in chart form on the next page. (Other category involves areas not specified or undefined areas on the electronic reporting system)

# Lansing Fire Department



Nature of EMS Calls



# Lansing Fire Department



## Suppression cont.

- The Suppression Division in cooperation with Fire Prevention, Training, Emergency Operations Center and Maintenance Division are involved in many events throughout the year .
- It is truly a team effort by all Divisions to provide what service or education is needed throughout the City all year long.
- Firefighters wear many hats within the area that is Rescue and Emergency response. The men and women of Lansing Fire train everyday to be ready for whatever Emergency needs resolution.
- It has been said that we need to have the ability to handle many types of Emergencies because there might not be anyone else coming!



# Lansing Fire Department



**The following gives the station number and the equipment that is housed there.**

**Station 41** – “The Big House” includes 1 Engine, 1 Ladder Truck, 1 Battalion Command vehicle, 2 Medic Units, Brush Truck with water rescue boat, 2 ATV vehicles. This station also houses the Operations office and Administration offices.



**Station 42** – 1 Engine, this engine is one of three that carry the “jaws of life” extrication equipment and water rescue equipment.

# Lansing Fire Department



**Station 43** – Closed July 1, 2010.

**Station 44** – 1 Engine, 1 Ladder Truck, 1 ATV/Water rescue, 1 Mass Casualty Trailer. Engine 44 is one of three extrication engines carrying the “jaws of life”.



# Lansing Fire Department



**Station 45** – 1 Engine, 1 Medic Unit. Along with regular EMS and Fire duties this Station is our focus station for Extrication carrying one of three “jaws of life”. The Engine is specifically set up for extrication, heavy rescue, and water rescue. CLOSED JULY 1, 2011



**Station 46** – 1 Engine, 1 Ladder Truck, 1 Medic Unit, 1 Hazmat Squad. The Hazmat Squad responds to all Hazmat incidents in the Metro area.

# Lansing Fire Department



**Station 47** – 1 Engine. This Westside station has the distinction of being labeled a City Historic site. **CLOSED JULY 1, 2011**



**Station 48** – 1 Engine, 1 Ladder Truck, 1 Technical Rescue truck and trailer with equipment for Confined Space Rescue, Trench Rescue and High Angle Rope Rescue.

# Lansing Fire Department



**Station 49** – 1 Engine, 1 Battalion Command vehicle, 1 Medic Unit, 1 Brush Truck with Water Rescue Boat. This station is the first or second due engine for the Southside of town.



# Lansing Fire Department



## Training Division



Training Chief  
Dan Oberst



Captain  
Monique Drury



# Lansing Fire Department



## Training Division

- The Training Division is responsible for providing training to department personnel.
- Typical training activities for this division are in the areas of initial recruit, driver, emergency medical services, technical rescue, hazardous material, officer and professional development training.
- Cooperative training with City departments including Police, Parks, and Public Service.
- Training is also performed in collaboration with other Metro Fire Departments.



# Lansing Fire Department



## Training Division cont.

### 2011 Significant Events for LFD Training

1. Reduced staffing by 50% from 3 trainers and a Secretary to 2 trainers
2. Reduced Training to essential subjects and EMSCE only
3. Renewed the Lansing Fire CPR training Center agreement in cooperation with the American Heart Association
4. Secured cooperation of MSU-ERS to fund all 2011 and 2012 Hazmat operations training
5. Presented or facilitated the following new training topics;
  1. Chevy Volt electric vehicle safety,
  2. Fire Fighter Strategy and Tactics,
  3. NIMS ICS for the Fire Service,
  4. Education Methodology for Fire Officers,
  5. School Bomb Threat Assessment Workshop,
  6. MSP IED response courses,
  7. Fire Fighter Near Miss Reporting System.
6. Presented or facilitated training on the following existing topics;
  - Incident Safety Officer, Trench rescue, Instructional collapse rescue, Ice Rescue, Hazmat Operations refresher, Rope Rescue, 3 ACLS classes, 35 EMSCE classes, ICS 300 and ICS 400, CAHEN College open house, ARCHIBUS work order system training, Confined Space Rescue Training, Rapid Intervention Team, Mayday operations, new city Sexual harassment policy, Presenting public education Train the Trainer,
7. Participated in the following events and exercises;
  - BWL Dam break functional Exercise, Airport Disaster drill, Silver Bells in the City, Common Ground Music Festival, 2 Regional US&R deployment exercises, February 2nd – 5th Snow Emergency, BWL Hazmat Incident, D1RMRC Conference, COMEX 11, Great Lakes Homeland security Conference
8. Collaborated on the following projects as a stakeholder;
  - Regional and Metro Incident Management Team workgroup, Metro Shared Services exploration team, Fire Officer education project with LCC, Region 1 US&R and Hazmat workgroups, TCEMCA Directors Committee, LFD General staff continuity of Operations plan development, FIREOPS-101 project, Michigan Safety Conference, Lansing Area Safety Council safety professionals group, 2011 post 7-11 deficit reduction planning workgroup

# Lansing Fire Department



## Maintenance Division



**Maintenance  
Chief**  
Bill Oberst



**Captain**  
Arnold Rios



**Lieutenant**  
Jwan Randle

# Lansing Fire Department



## Maintenance Division

- The Maintenance Division delivers a high level of service for our personnel and facilities to enable us to continue to deliver service to the community. They serve as the department quartermasters for everything from uniforms, protective equipment, medical supplies, and station supplies.
- They are additionally responsible for servicing the maintenance needs of the department's stations in conjunction with the City's Building Maintenance Division.
- Other duties of this division include plowing snow at 6 Fire Stations, Fire Training Academy, Radio Lab, South Precinct and South Washington Office Complex. Responding to structure fires to re-supply air, and maintaining the department's operational readiness.

# Lansing Fire Department



## Maintenance Division cont.

- Operational readiness is maintained by repairing and maintaining crucial equipment such as Self Contained Breathing Apparatus (SCBA), small equipment, air monitoring equipment, fire hose, fire ladders, tools, nozzles and personal protective clothing (turnouts, boots, helmets, gloves and hoods). In addition, they maintain the department's proprietary fire alarm system which transmits alarms from many government buildings in Lansing directly to the 911 system.
- During the past year, this division has worked with District 1 on the implementation of a communications, mass casualty support trailer for disaster preparedness. We received grants to replace a large portion of our personal protective ensemble. The division also worked together with Building Maintenance to install network infrastructure and access control at the South Washington Office complex.



# Lansing Fire Department

## ACTIVITIES OF THE MAINTENANCE & ALARM DIVISION

- Civil Defense siren site preventative maintenance service and painted each (20 total)
- Functional tested 63 radio box transmitters
- Assisted with the installation of the ID card access system for the South Washington office complex
- Tested **25,000** feet of fire hose
- Tested **2,146** feet of fire ground ladder
- Functionally tested all of the departments **146** SCBA's
- **628** internal work order requests
- 224 building repair requests with/thru Building Maintenance



AIR TANK CHANGE



AIR TRAILER



LIGHT TRAILER

# Lansing Fire Department

## Emergency Management Division



Division Chief  
Trent Atkins



EM Specialist  
Ronda Oberlin

- The City of Lansing Office of Emergency Management is directed by Division Chief Trent Atkins
- Ronda Oberlin is our Emergency Management Specialist

# Lansing Fire Department



## Emergency Management Division



- The Lansing Office of Emergency Management, a Division of the Lansing Fire Department, is responsible for the Homeland Security of the City of Lansing. Our proactive approach to an all hazard event, natural, man-made or terrorism in nature, requires the Office of Emergency Management to prepare our community and its first responder agencies through plan development, training and exercising. Our preparedness initiatives with our community partnerships have made Lansing's Office of Emergency Management leaders throughout the State of Michigan in preparedness.

**Our Vision - *"Building a Disaster Resilient Community"***

# Lansing Fire Department



## Emergency Management Division



## 2011 Accomplishments

- Hazard Mitigation Plan
- HMGP Phase 2 Acquisition
- Completed Debris Management Plan
- Implementation of Nixle
- Developed and Deployed Community Guides
- Began CI/KI Assessments
- Updated Mobile Interop Vehicle
- Region Wide Comms Drill
- ICS 300/400 Training
- IED Training for 1<sup>st</sup> Responders
- Successful Incident Management for Silverbells and Common Ground



# Lansing Fire Department



## Emergency Management Division



### 2012 Goals

- IED Training
- Tactical Medic Training
- MABAS Division Development within Metro
- Region One Communications and IED Exercises
- Code Red Implementation
- Do1Thing Business and Kids
- Website Update
- Siren Ed for 3<sup>rd</sup>/4<sup>th</sup> Graders
- 2010 HLS Grants
- Continue CI/KI Assessments
- Update Basic Plan
  - New Positions
  - Training
  - Credentialing
  - Exercising



# Lansing Fire Department



## Emergency Management Division



### COMMITTEES

- Local Emergency Planning Committee (LEPC)
- Lansing Emergency Operations Center Teams
- Michigan Homeland Defense
- Amateur Radio Public Service Corp.
- Michigan State Police Emergency Management Division 1st District
- Region One Homeland Security Committee
- Michigan Emergency Managers Association
- National Pharmaceutical Stockpile Planning Committee
- Michigan Association of Fire Chief's Mutual Aid Committee
- International Association of Fire Chief's Emergency Management Committee
- Wellhead Protection Committee
- "It's a Cool Thing to Do"

# Lansing Fire Department



## BOX 23 CLUB



# Lansing Fire Department



## **BOX 23 CLUB**

- The Box 23 Club was formally organized on December 11, 1937, the third anniversary of the Kerns Hotel fire. Its membership, which is limited to twenty-three people, pledges to support the Lansing Fire Department and to provide aid at fires when requested to do so by the Fire Department Officer in charge of the fire.
- When called, members arrive with hot coffee, ice water, snacks, and all the support they can offer.



# Lansing Fire Department



## LFD Retirees



**Administrative Assistant**  
Dave Doerr  
Retired June 2011



**Financial Officer**  
Jerome Tolbert  
Retired June 2011



**Fire Marshal**  
Phil Sabon  
Retired July 2011